5010584

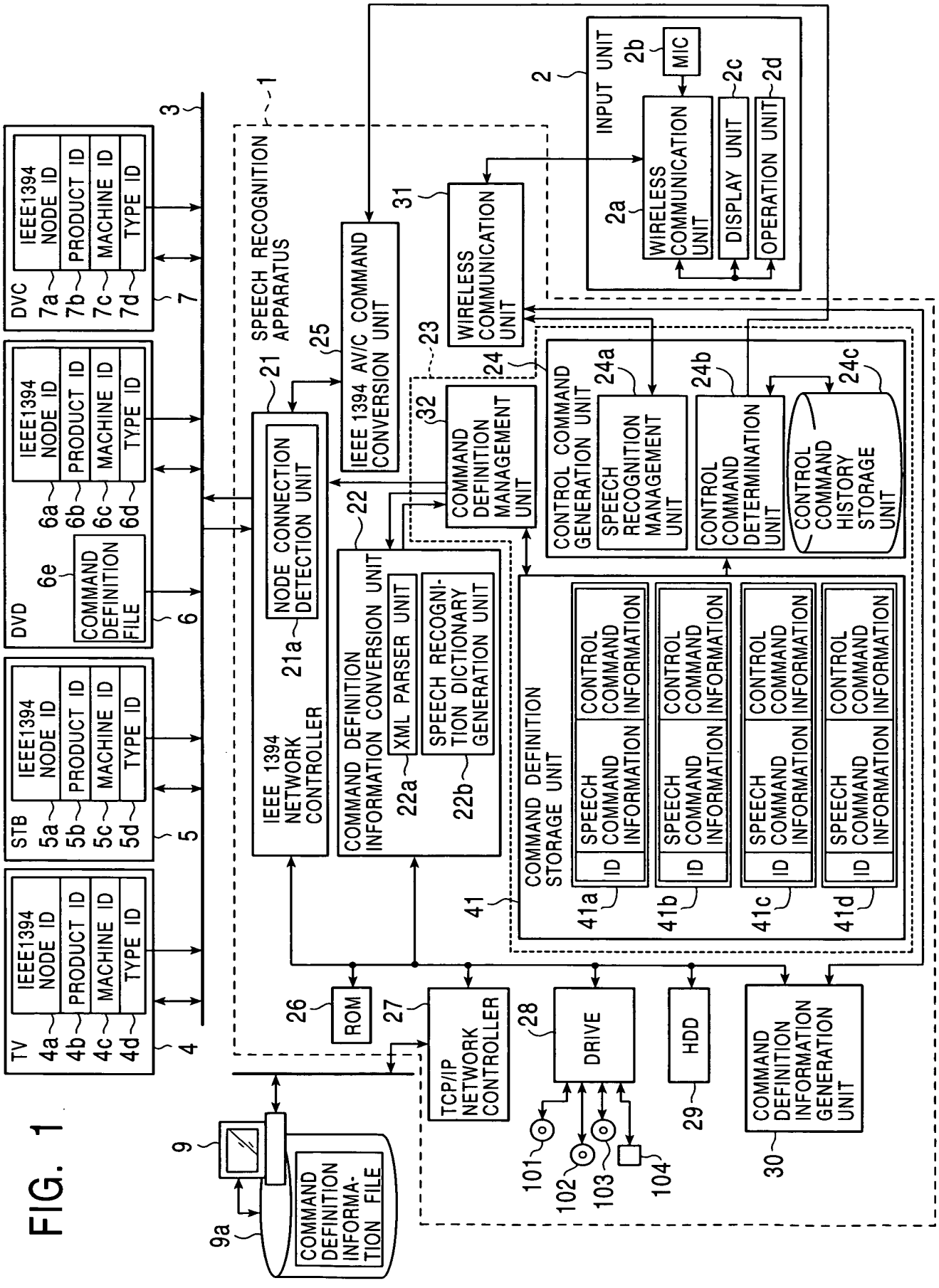


FIG. 1

EP 0 747 880 A2

FIG. 2

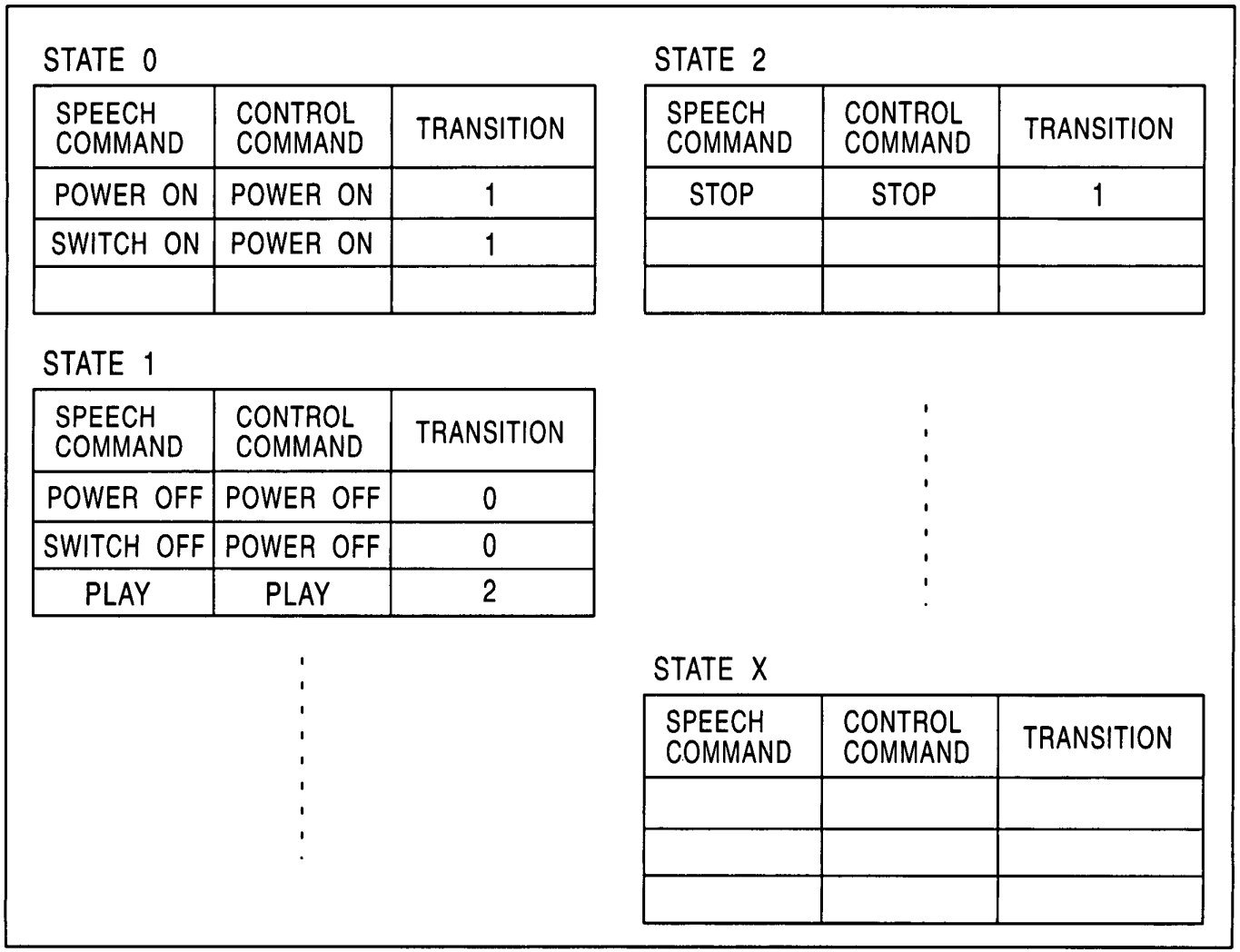


FIG. 3

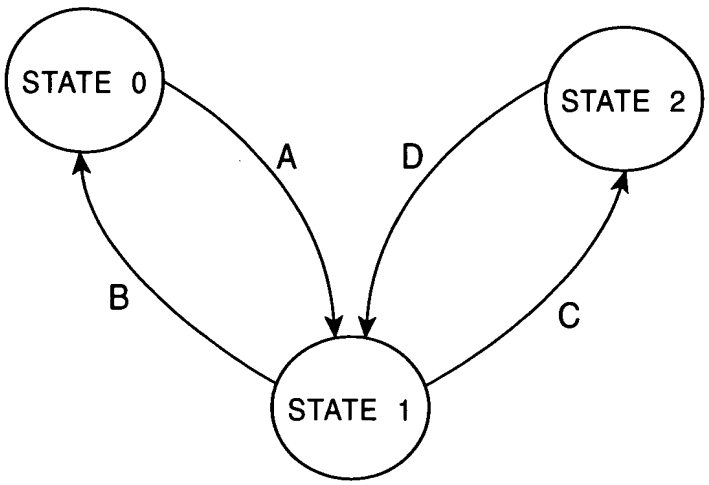


FIG. 4

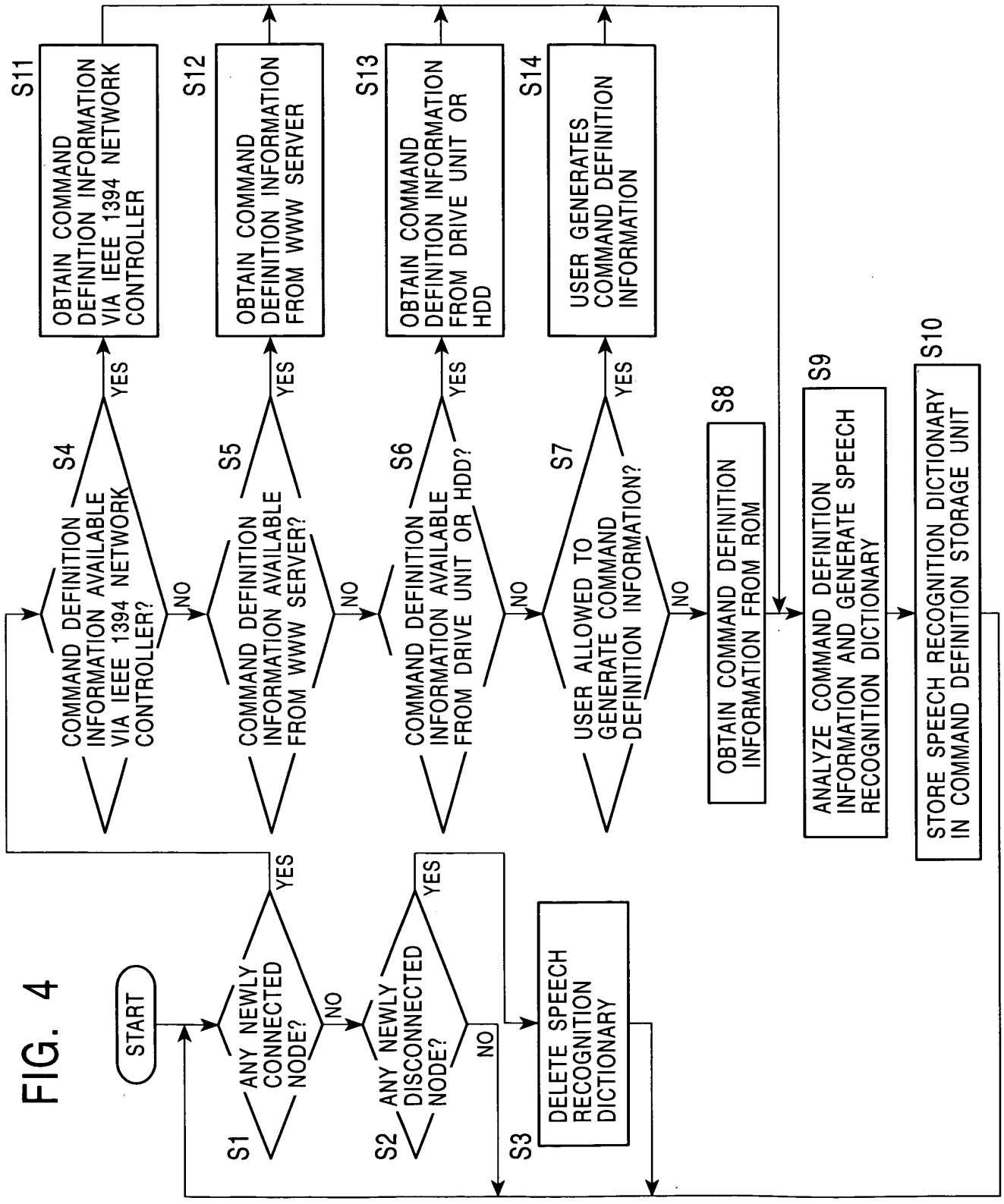

START
S1
ANY NEWLY CONNECTED NODE?
YES
NO
S2
ANY NEWLY DISCONNECTED NODE?
YES
NO
S3
DELETE SPEECH RECOGNITION DICTIONARY
S4
COMMAND DEFINITION INFORMATION AVAILABLE VIA IEEE 1394 NETWORK CONTROLLER?
YES
NO
S11
OBTAIN COMMAND DEFINITION INFORMATION VIA IEEE 1394 NETWORK CONTROLLER
S5
COMMAND DEFINITION INFORMATION AVAILABLE FROM WWW SERVER?
YES
NO
S12
OBTAIN COMMAND DEFINITION INFORMATION FROM WWW SERVER
S6
COMMAND DEFINITION INFORMATION AVAILABLE FROM DRIVE UNIT OR HDD?
YES
NO
S13
OBTAIN COMMAND DEFINITION INFORMATION FROM DRIVE UNIT OR HDD
S7
USER ALLOWED TO GENERATE COMMAND DEFINITION INFORMATION?
YES
NO
S14
USER GENERATES COMMAND DEFINITION INFORMATION
S8
OBTAIN COMMAND DEFINITION INFORMATION FROM ROM
S9
ANALYZE COMMAND DEFINITION INFORMATION AND GENERATE SPEECH RECOGNITION DICTIONARY
S10
STORE SPEECH RECOGNITION DICTIONARY IN COMMAND DEFINITION STORAGE UNIT

FIG. 5

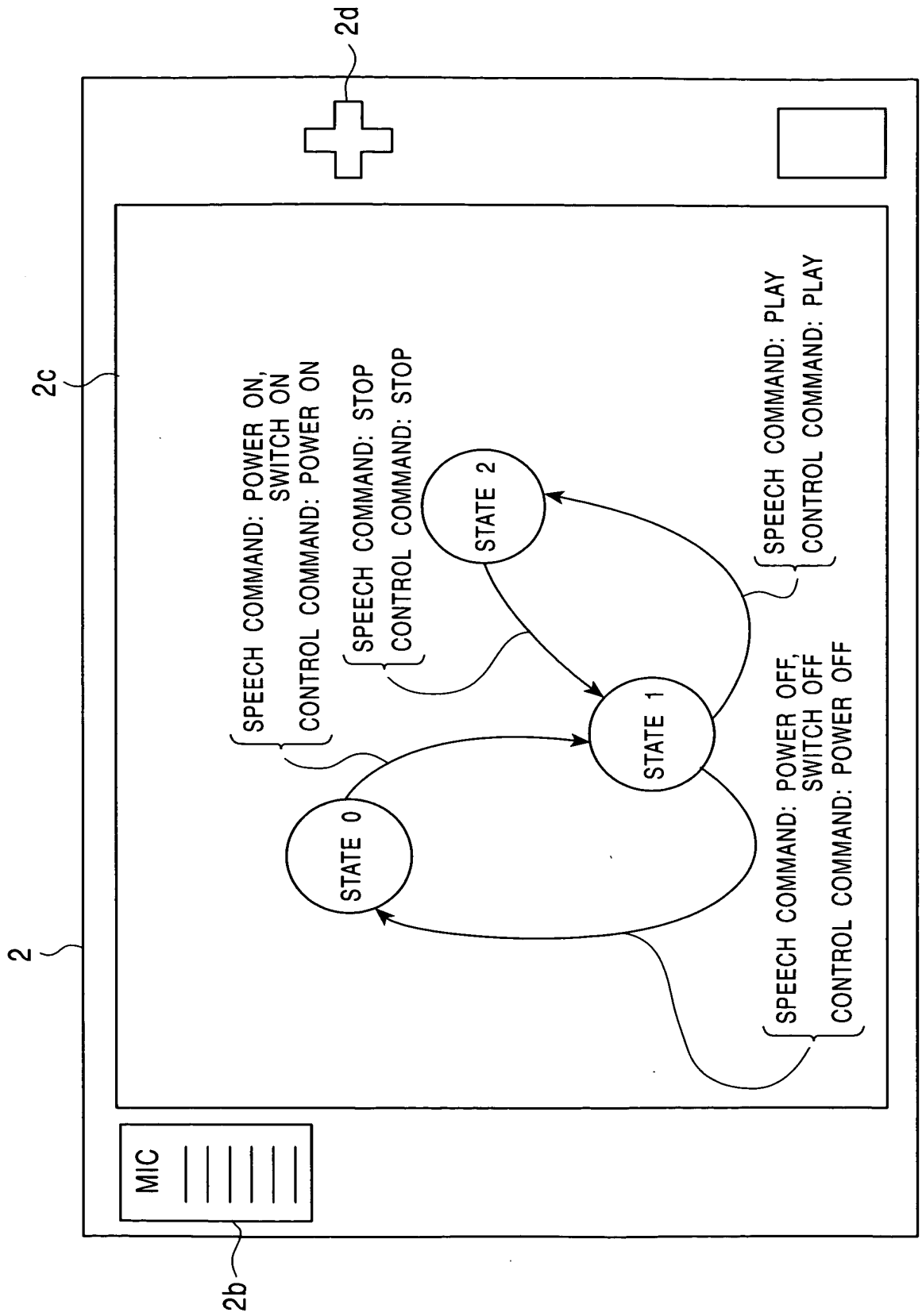
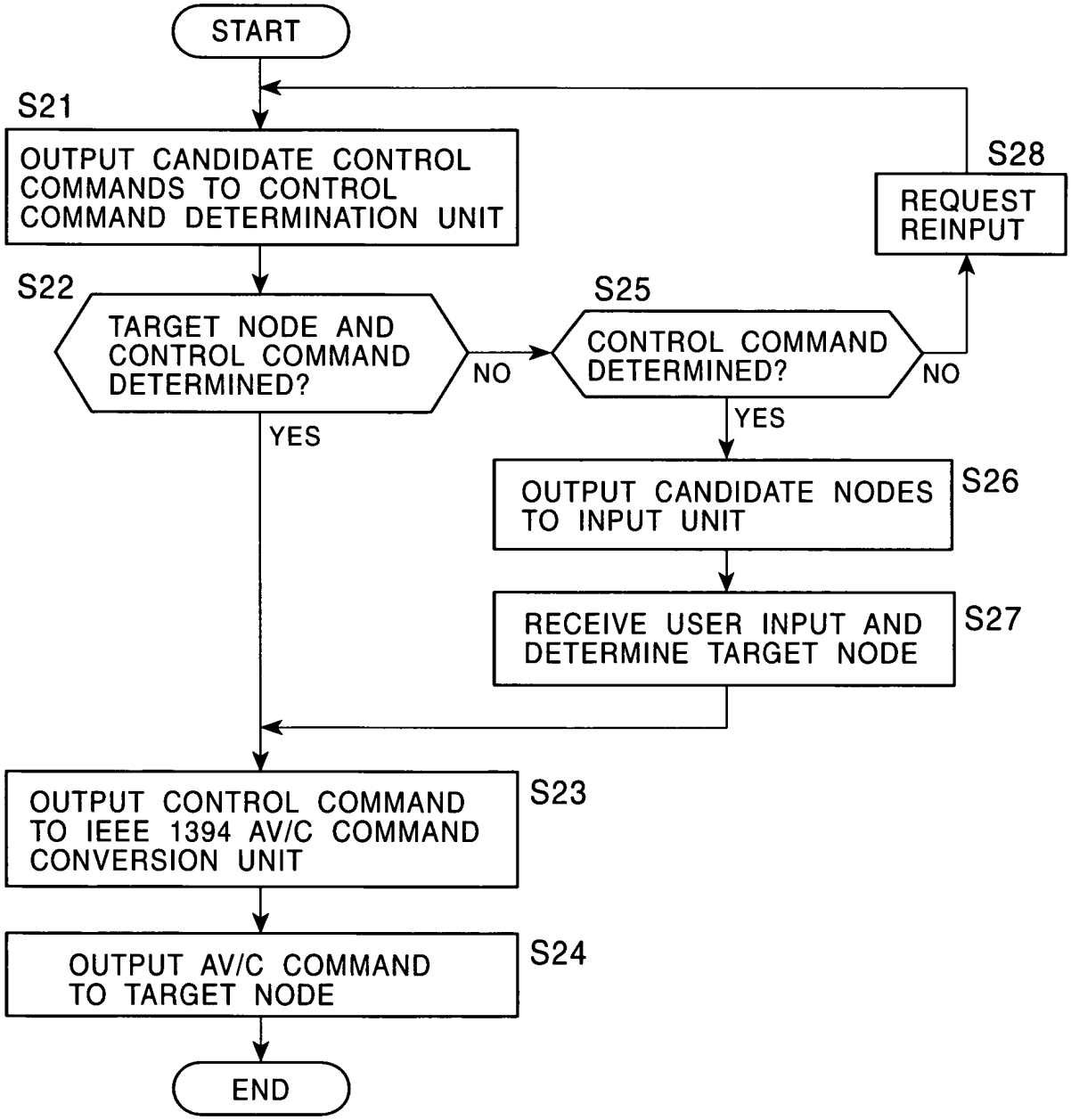

2
2b
2c
2d
MIC
STATE 0
STATE 1
STATE 2
SPEECH COMMAND: POWER ON, SWITCH ON
CONTROL COMMAND: POWER ON
SPEECH COMMAND: STOP
CONTROL COMMAND: STOP
SPEECH COMMAND: PLAY
CONTROL COMMAND: PLAY
SPEECH COMMAND: POWER OFF, SWITCH OFF
CONTROL COMMAND: POWER OFF

FIG. 6


START
S21
OUTPUT CANDIDATE CONTROL COMMANDS TO CONTROL COMMAND DETERMINATION UNIT
S22
TARGET NODE AND CONTROL COMMAND DETERMINED?
NO
S25
CONTROL COMMAND DETERMINED?
NO
S28
REQUEST REINPUT
YES
YES
OUTPUT CANDIDATE NODES TO INPUT UNIT
S26
RECEIVE USER INPUT AND DETERMINE TARGET NODE
S27
OUTPUT CONTROL COMMAND TO IEEE 1394 AV/C COMMAND CONVERSION UNIT
S23
OUTPUT AV/C COMMAND TO TARGET NODE
S24
END

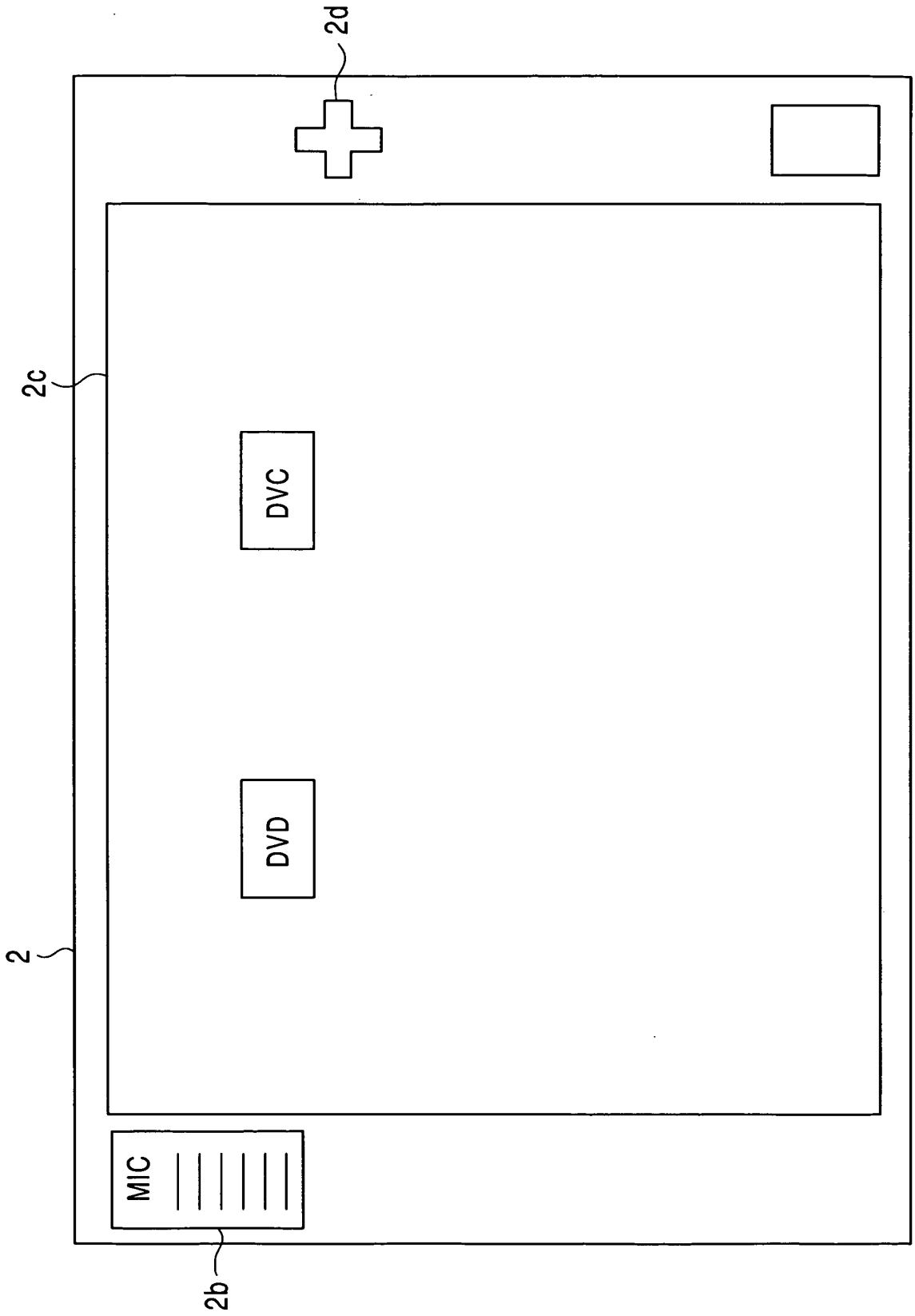



FIG. 7